



# **NMAM INSTITUTE OF TECHNOLOGY**

(A unit of Nitte Education Trust)

Nitte - 574 110, Karkala taluk, Udupi Dist., Karnataka

**Department of Computer Science and Engineering.**

## **RDBMS PROJECT REPORT ON**

### **Farmer Sales Details**

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**V Sem, Sec 'B'**

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#### **PROJECT GUIDE**

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## **ABSTRACT**

Sales details of the product and crops of a farmer is a valuable resource for a farmer. It shows the farmer about the result of his/her effort. The output of a farmer can be crops (grains), vegetables, fruits, castles and the products made at home. The project helps a farmer add his products to the site where the customers can view it and buy it. The farmer can add product, update the details of the product and see his products. He can also see his customers and also the orders made by the customers. The customers can make order by viewing the products available in the stock.

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### **CERTIFICATE**

Certified that the project work carried out by Chirag Dev (4NM17CS052) and Kashyap Hebbar (4NM17CS081) bonafide students of NMAM Institute of Technology, Nitte in fulfilment for the Relational database Management System lab in Computer Science and Engineering during the academic year 2019-2020.

Signature of the Examiners:

Signature of the Guide:

1.

2.

## **ACKNOWLEDGEMENT**

The satisfactions that accompany the successful completion of any task would be incomplete without the mention of the people who made it possible. So we acknowledge all those whose guidance and encouragement served as a beacon of light and crowned our efforts with success.

We are thankful to our project guide, Dr. D.K.Sreekantha and Dr.Radhakrishna, Dept. of CSE for his valuable guidance and advice. His willingness to motivate us contributed tremendously to our project.

We would like to place on record our deep sense of gratitude to Dr. K. R. Udaya Kumar Reddy, HOD-Dept. of Computer Science and Engineering, NMAMIT, Nitte for his generous guidance, help and useful suggestions. We also acknowledge and express our sincere thanks to our beloved Dr. Niranjana N. Chiplunkar, Principal, NMAMIT, Nitte who is a source of inspiration to us.

We thank all the Teaching and Non-Teaching staff members of the department of CSE for providing resources for the completion of the project. A special thanks goes to our parents, friends and relatives for supporting and encouraging us in all ways thus making our project

successful. Finally, we thank all those who have contributed directly or indirectly in making this project a grand success.

Chirag Dev

Kashyap Hebbar

## **INTRODUCTION**

Primary business for the people is agriculture. History of Agriculture in India dates back to Indus Valley Civilization and even before that in some places of Southern India. India ranks second worldwide in farm outputs. As per 2018, agriculture employed 50% of the Indian work force and contributed 17-18% to country's GDP. Farmers are the providers of the nation and farmers need to be provided in return which is done by the income and the prices they get for their hard work and their contribution. Sales are activities related to selling or the number of goods or services sold in a given time period. The seller, or the provider of the goods or services, completes a sale in response to an acquisition, appropriation, requisition, or a direct interaction with the buyer at the point of sale. Our database shows farmers contribution in various fields of our nation needs.

### **DEFINITION OF CONSUMER PREFERENCE:**

Consumer preference refers to, “how customers select goods and services in relation to factors like quality, availability and ease of access. Factors such as the consumers income and price of

goods do not influence the customers preferred product or services”.

## WHAT IS CONSUMER PREFERENCE?

Consumer preference for a product or crop can vary from place to place. Customer getting availability of products nearby may have different preferences than the customers with far placements and having harder access to the products. The preferences are solved by the farmer.

## ONLINE PRODUCT:

The customers can order products from the farmer by opting from the available products and the order is made available to the by the farmer or the dealer.

The customers can buy the required products by providing their customer id and the quantity of the required .The order made is made available to the farmer with respect to the products produced by the farmer. The farmer then sells the product and the product quantity is updated.

## PROBLEM STATEMENT

### SYSTEM STUDY

The current system needs to be able to provide the farmer with the details of his products and the orders he has received by the customers for each of his products and the income he gets through them.

## EXISTING SYSTEMS:

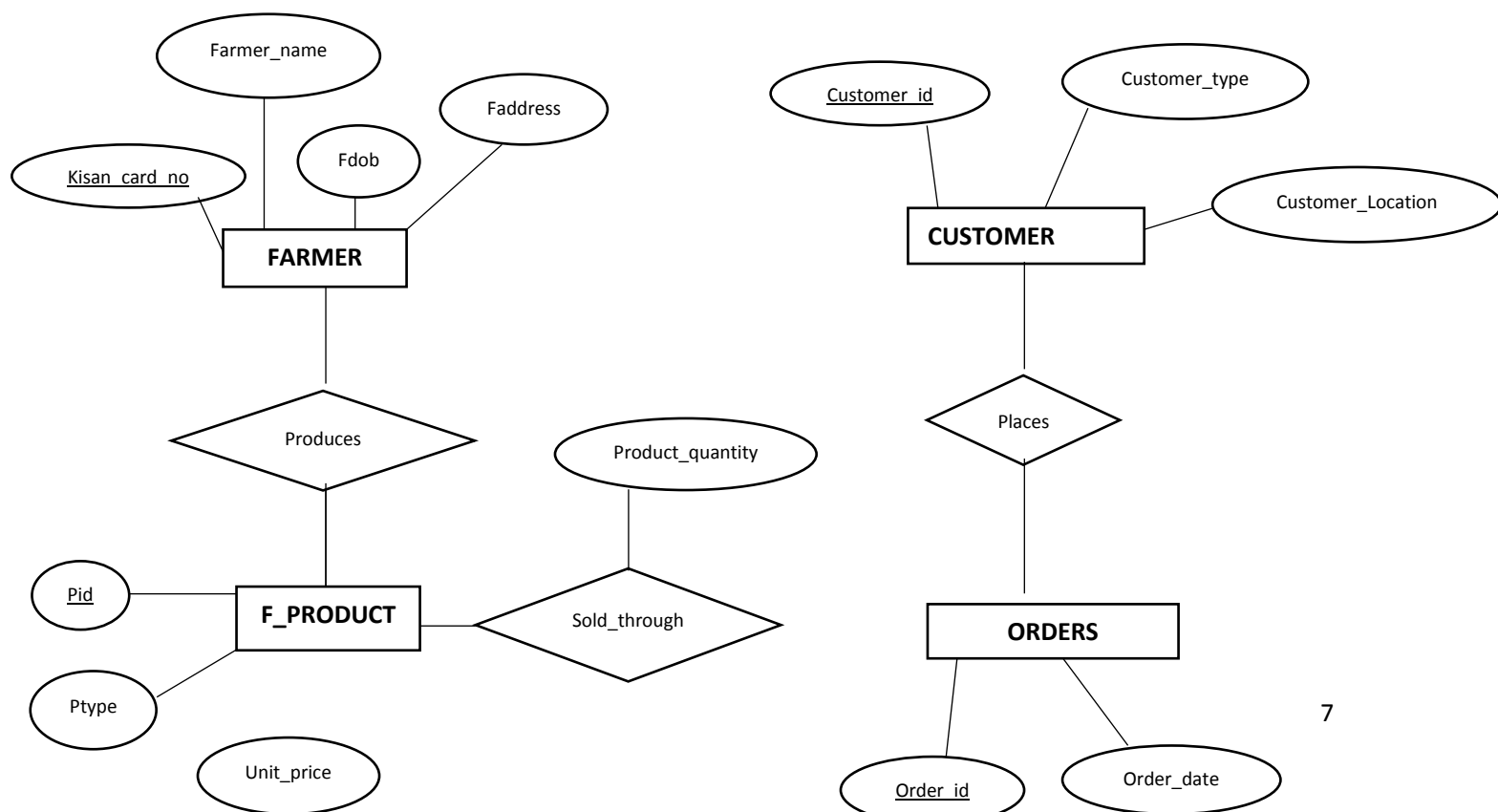
The available system is able to add farmer to the system and add all the products he produces and the customers can be added and they can make order as per their requirement by selecting the product and their types and required amount of the product. The system provides the farmer to look all the orders and also the farmer can look into the processed order and his stats on the product

## OBJECTIVES OF THE STUDY:

The objective is

To analyse the preference of the sample respondents

## ER-Diagram



## SCHEMA

### FARMER

<u>Kisan card no</u>	Farmer_name	Fdob	Faddress
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### F\_PRODUCT

<u>Pid</u>	<u>Kisan card no</u>	Ptype	Unit_price
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### SOLD\_THROUGH

<u>Pid</u>	<u>Order id</u>	Product_quantity
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### CUSTOMER

<u>Customer id</u>	Customer_type	Customer_location
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### ORDER

<u>Order id</u>	<u>Customer id</u>	<u>Product id</u>	Order_date
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## FRONTEND TECHNOLOGY

### List of technologies for frontend

#### 1. Hyper Text MarkupLanguage (HTML)

Hypertext Markup Language is the standard markup language for creating web pages and web applications.

#### 2. Cascading Style Sheets (CSS)

Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML

#### 3. JavaScript

JavaScript, often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

#### 4. Bootstrap

**Bootstrap** is a free and open source CSS framework directed at responsive, mobile-first front-end web development. It contains css and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation and other interface components.

## BACKEND TECHNOLOGY

## **List of technologies for Backend**

### **1. PHP**

Hypertext Pre-processor is a server-side scripting language designed for Web development, and also used as a general-purpose programming language. It was originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Group.

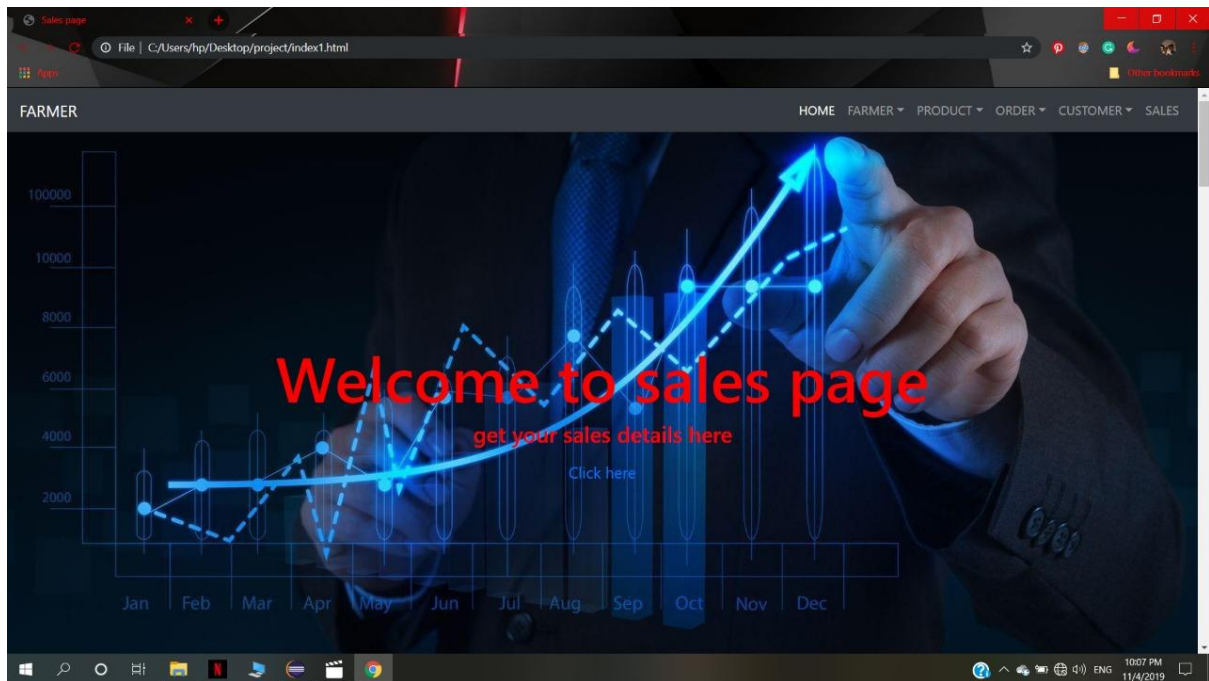
### **Database:**

#### **MySQL:**

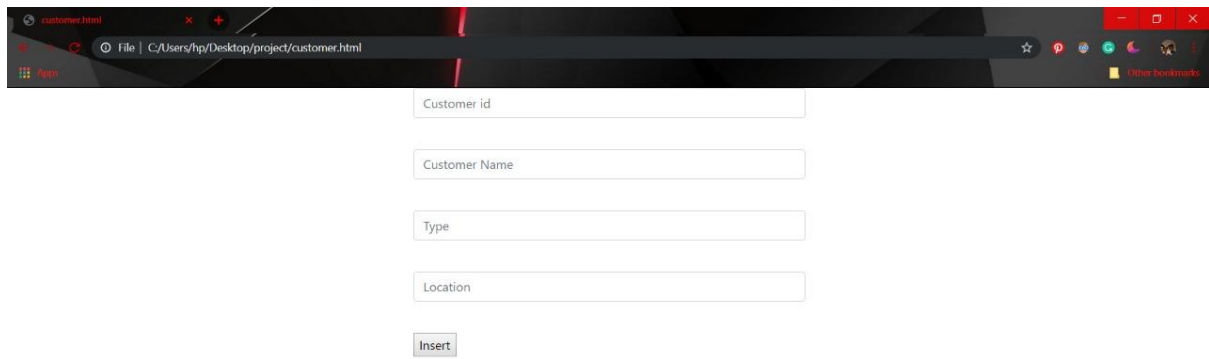
MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language.

## SCREENSHOTS

### Home page:



### CUSTOMER REGISTRATION:



customer.html

File | C:/Users/hp/Desktop/project/customer.html

Customer id

Customer Name

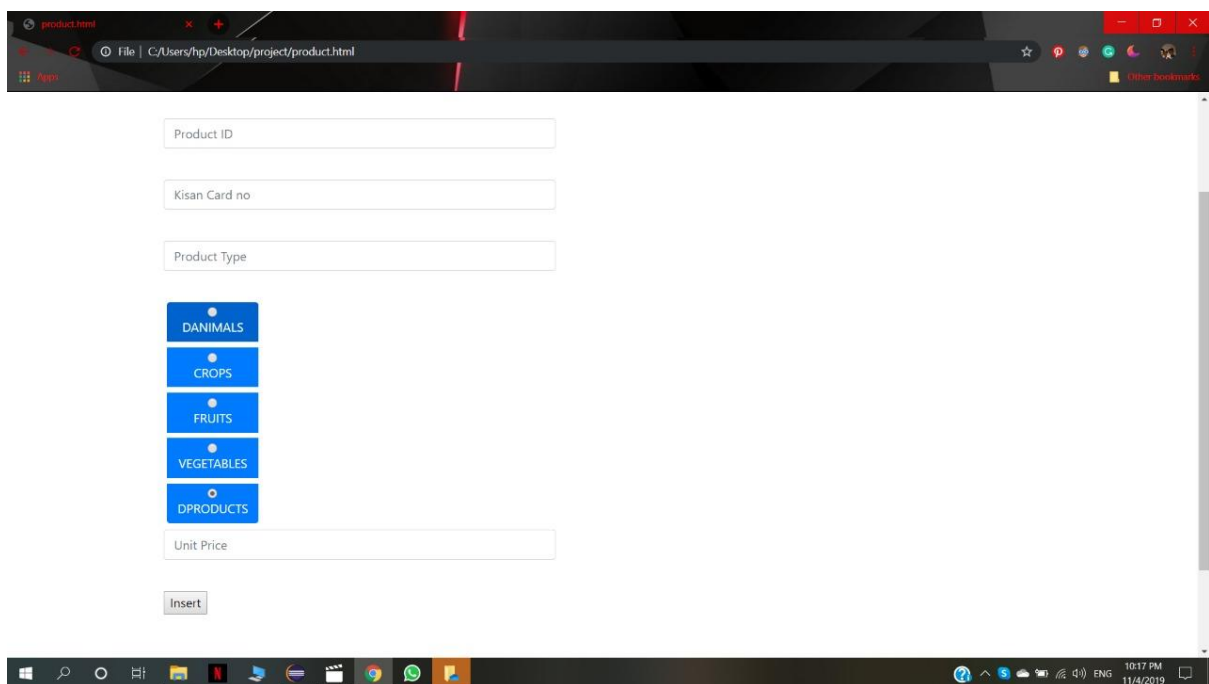
Type

Location

Insert



## ENTER PRODUCT:



product.html

File | C:/Users/hp/Desktop/project/product.html

Product ID

Kisan Card no

Product Type

DANIMALS

CROPS

FRUITS

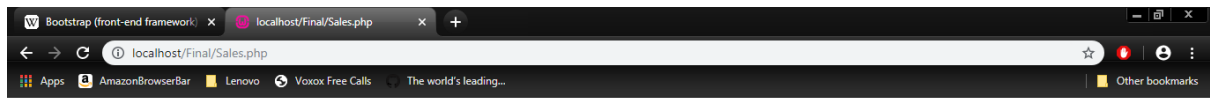
VEGETABLES

DPRODUCTS

Unit Price

Insert

## VIEW PRODUCTS:



Customer Details				
Product Id	Order Id	Customer Name	Quantity	Income
PRVEG001	CSOR001	HARSHITH	200	10000
PRVEG001	CSOR002	HARSHITH	200	15000



## ORDER:



Order Id
Product Id
Customer Id
mm/dd/yyyy
Quantity
Order



## **CONCLUSION**

It becomes difficult for the farmer to maintain the sales details as there are different rates for different products and the buyers also vary so does the rate of selling to the buyer. When there are e more orders done it becomes essential to maintain a log of which order belongs to which customer and what the details of the customer.

The customer face difficulty when they have to visit the farmer personally and keep their requirements .In case if the particular farmer does not have the required products to be delivered then the customer has to go looking for other farmers for the required products but using the site he can see view the available products and order them there itself without asking the farmers personally. Once the order is made the farmer can view the order and process the order.

## REFERENCES

1. [www.stackoverflow.com](http://www.stackoverflow.com)
2. [www.youtube.com](http://www.youtube.com)
3. [www.w3schools.com](http://www.w3schools.com)

